

10/12/99

JCS44 U.S. PTO  
Barcode

**Patent Application Transmittal**  
(only for new, nonprovisional applications under 37 C.F.R. 1.53(b))

A

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Date of Deposit: October 12, 1999

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[37 CFR § 1.8 Certificate of Mailing CANNOT be used.]

Date:

Attorney Docket No.: VG-001

**ASSISTANT COMMISSIONER FOR PATENTS**  
**Box Patent Application**  
**Washington, D.C. 20231**

Sir:

With reference to the filing in the United States Patent and Trademark Office of an application for patent in the name(s) of: **Inderpal S. Bhandari et. al**

entitled: **METHOD AND APPARATUS FOR FINDING HIDDEN PATTERNS IN THE CONTEXT OF QUERYING APPLICATIONS**

New Application

Continuing Application

Continuation  Divisional  Continuation-in-Part (CIP)  
of prior application serial no. 60/103,948, filed October 13, 1998

[Note: If priority under 35 U.S.C. 120 involves a series of respectively copending applications, then in this amendment identify each and its relationship to its immediate predecessor.]

The prior application is assigned of record to Virtual Gold, Inc.

1c584 u/s 416414  
09/18/99 PRO

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# FEE TRANSMITTAL for FY 1999

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT (\$2792.00)

## Complete if Known

Application Number	To be assigned
Filing Date	October 12, 1999
First Named Inventor	Inderpal S. Bhandari et. al.
Examiner Name	
Group / Art Unit	
Attorney Docket No.	

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number	<input type="text"/>
Deposit Account Name	<input type="text"/>
<input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	

2.  Payment Enclosed:

Check     Money     Other Order

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
Code (\$)	Code (\$)		
101 760	201 380	Utility filing fee	760
106 310	206 155	Design filing fee	
107 480	207 240	Plant filing fee	
108 760	208 380	Reissue filing fee	
114 150	214 75	Provisional filing fee	
<b>SUBTOTAL (1) (\$)</b>			760

## 2. EXTRA CLAIM FEE

	Extra Claims	Fee from below	Fee Paid
Total Claims	96	-20** = 76	x 18 = 1368
Independent	11	- 3** = 8	x 78 = 624
Claims Multiple dependent			=

\*\*or number previously paid, if greater; For Reissues, see below

## Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 78	202 39	Independent claims in excess of 3
104 78	202 39	Multiple dependent claim if not paid
109 78	209 39	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2) (\$)</b>		1992

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

## Large Entity

## Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 380	216 190	Extension for reply within second month	
117 870	217 435	Extension for reply within third month	
118 1,360	218 680	Extension for reply within fourth month	
128 1,850	228 925	Extension for reply within fifth month	
119 300	219 150	Notice of Appeal	
120 300	220 150	Filing a brief in support of an appeal	
121 260	221 130	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,210	241 605	Petition to revive - unintentional	
142 1,210	242 605	Utility issue fee (or reissue)	
144 580	244 290	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 240	126 240	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	40
146 760	246 380	Filing a submission after final rejection (37 CFR 1.129(a))	
149 760	249 380	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)** 40

## SUBMITTED BY

Complete (if applicable)

Typed or  
Printed Name

C. Andrew Im

Reg. Number 40,657

Signature

Date October 12, 1999

Deposit Account

User ID

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

- This is an application of a small entity under 37 CFR 1.9(f) and the amounts shown in parentheses below have been employed in calculating the fee:
- Small Entity Verified Statement(s) is (are) enclosed.
- Small Entity Verified Statement(s) filed in prior application, status still proper and desired

The following are enclosed:

- Specification (86 pages) & Abstract  
 19 Sheet(s) of Drawings  
 96 Claim(s) (including 11 independent claim(s))  
— This application contains a multiple dependent claim
- Our check 1508 for \$2792.00 is enclosed, calculated as follows:
- |   |                  |
|---|------------------|
| Basic Fee, \$760.00 .....   | \$ 760.00        |
| Number of Claims in excess of 20 at \$18.00 (\$9.00) each:....                  | \$1368.00        |
| Number of Independent Claims in excess of 3 at \$78.00<br>(\$39.00) each: ..... | \$ 624.00        |
| Multiple Dependent Claim Fee at \$260.00 (\$130.00)                             |                  |
| <input checked="" type="checkbox"/> Assignment Recording Fee \$40.00.....       | \$ 40.00         |
|   | Total filing fee |
|   | \$2792.00        |
|   | =====            |

- Order Form for Recording Assignment  
 Oath or Declaration and Power of Attorney  
 New  signed  unsigned  
— Copy from a prior application (37 C.F.R. 1.63(d))

Deletion of Inventors

- Signed Statement attached deleting inventor(s) named in the prior application (37 C.F.R. 1.63(d)(2) and 1.33(b))
- Power of attorney and/or correspondence address was changed during prosecution of the prior application. The new power of attorney is to \_\_\_\_\_. The new correspondence address is indicated above.
- Incorporation by Reference (for continuation or divisional application) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
- A Preliminary Amendment is enclosed.  
(Claims added by this amendment have been properly numbered consecutively beginning with the number next following the highest numbered original claim in the prior application.)
- Cancel in this application original claims \_\_\_\_\_ of the prior application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
- New formal drawings are enclosed.

— Certified copy of each foreign priority application on which the claim for priority under 35 U.S.C. 119 is based was filed in prior U.S. application serial no. , filed . A list of said foreign priority application(s) is (are) provided below. Acknowledgement thereof is requested.

Application No.

Filed

In

Respectfully submitted,

Attorneys for Applicant(s)

By:

  
C. Andrew Im  
Reg. No. 40,657